

**What is claimed is:**

1. A method for decrypting an optical disc, comprising:

a. sending a request to the server, which requires server to provide the information for decrypting the optical disc;

5        b. receiving the decrypting information from the sever, the decrypting information including two layers of data, the first layer contains the information related to the data of the optical disc which can not be copied, the second layer contains the method for decrypting the optical disc;

10        c. acquiring the data which can not be copied from the optical disc according to the information of said first layer, and using the data to decrypt the information of the second layer to acquire the method for decrypting the optical disc and the related parameters.

d. decrypting the optical disc using the result of step (c).

15        2. The method according to claim 1, wherein said request includes the topic information of said optical disc.

3. The method according to claim 1, further comprising:  
sending the identification information of the player to the server to identify the player for the server.

20        4. The method according to claim 1, further comprising:  
storing said acquired decrypting information into a local storage.

5. A method for generating the information for decrypting the optical disc, comprising:

25        a. receiving a request from a player, which requires to decrypt an optical disc;

b. selecting the data of the optical disc to be played from the

prestored data, which can not be copied, the prestored data include the data corresponding to the optical disc to be played;

c. encrypting the method for decrypting the optical disc and related parameters using said data which can not be copied, and acquiring the encrypting result;

d. sending the method for acquiring said data which can not be copied and said encrypting result to the player.

6. The method according to claim 5, wherein the data which can not be copied being acquired randomly from said prestored data in step (b) .

7. The method according to claim 5, wherein said data which can not be copied including one or more kinds of following data: copyright management information (CPR\_MAI) , physical format information of the optical disc, manufacturing information of the optical disc, the information in the burst cutting area (BCA).

8. The method according to claim 5, wherein the content of the method in step (d) for acquiring the data which can not be copied including the position and the length of the sector where said data which can not be copied being located .

9. An apparatus for decrypting an optical disc, comprising:

sending means for sending a request to the server, which requires the server to provide the information for decrypting the optical disc;

receiving means for receiving the decrypting information from the sever, said decrypting information including two layers of data, the first layer contains the information related to the data of the optical disc which can not be copied , the second layer contains the method for decrypting the optical disc;

decrypted data acquiring means for acquiring the data which can

not be copied from the optical disc according to the information of said first layer, and using the data to decrypt the information of the second layer, thus to acquire the method for decrypting the optical disc and the related parameters; and

5            decrypting means for decrypting the optical disc using said method for decrypting the compacts disk and the related parameter.

10           10. The apparatus according to claim 9, wherein the request sent by said sending means including the topic information of the optical disc.

11. The apparatus according to claim 9, wherein said sending means  
15 is also used for sending the identification information of the player to identify the player for the server.

12. The apparatus according to claim 9, further comprising:  
storing means for storing said decrypting information.

13. An optical disc player, comprising:  
15           optical disc reading means for reading the optical disc information, the optical disc information including the content of the optical disc;  
             optical disc playing means for playing said content of the optical disc;  
disc;

             optical disc decrypting means for decrypting the optical disc,  
20 including:

             sending means for sending a request to the server, which requires the server to provide the information for decrypting the optical disc;

             receiving means for receiving the decrypting information  
25 from the sever, said decrypting information including two layers of data, the first layer contains the information related to the data of the optical disc which can not be copied, the second layer contains the method for decrypting the optical disc;

decrypting data acquiring means for acquiring the data which can not be copied from the optical disc according to the information of said first layer, and using the data to decrypt the information of the second layer, thus to acquire the method for decrypting the optical disc and related parameters;

decrypting means for decrypting the optical disc using said method for decrypting compacts disk and related parameter s.

14. An apparatus for generating the information for decrypting the optical disc, comprising:

receiving means for receiving a request from a player , which requires to decrypt an optical disc;

selecting means for selecting the data of the optical disc to be played, which can not be copied , from the prestored data, said prestored data including the data corresponding to the optical disc to be played;

encrypting means for encrypt ing the method for decrypting the optical disc and related parameters, using the data which can not be copied, and acquiring the encrypting result.

sending means for sending the method for acquiring said data which can not be copied and said encrypting result to the player.

15. The apparatus according to claim 14, wherein said selecting means randomly selecting the data of the optical disc which can not be copied.

16. The apparatus according to claim 14, wherein the data which can not be copied comprising at least one kind of following data: copyright management information (CPR\_MAI) , physical format information of the optical disc, manufacturing information of the optical disc and the information in the burst cutting area (BCA).